

Stevens Creek Wastewater and Lift Station Project Update

Charlotte Water and its contractors, Crowder Construction and State Utility Contractors, continue to make progress on a new wastewater pipeline and lift station in the Mint Hill area. This 27,410-foot project will lay the foundation to bring public wastewater service to a previously underserved area. Once completed, the lift station will pump wastewater from the Stevens Creek and Goose Creek basins to a gravity wastewater pipeline for treatment at the McAlpine Creek Wastewater Treatment Plant. Construction for the project began in February 2020 and is expected to be completed in the fall of 2021.

Residents along the alignment will see varying levels of construction. Construction updates will be sent quarterly, and other necessary notifications will be shared as needed. Construction schedules are subject to change due to unexpected events and delays such as inclement weather.

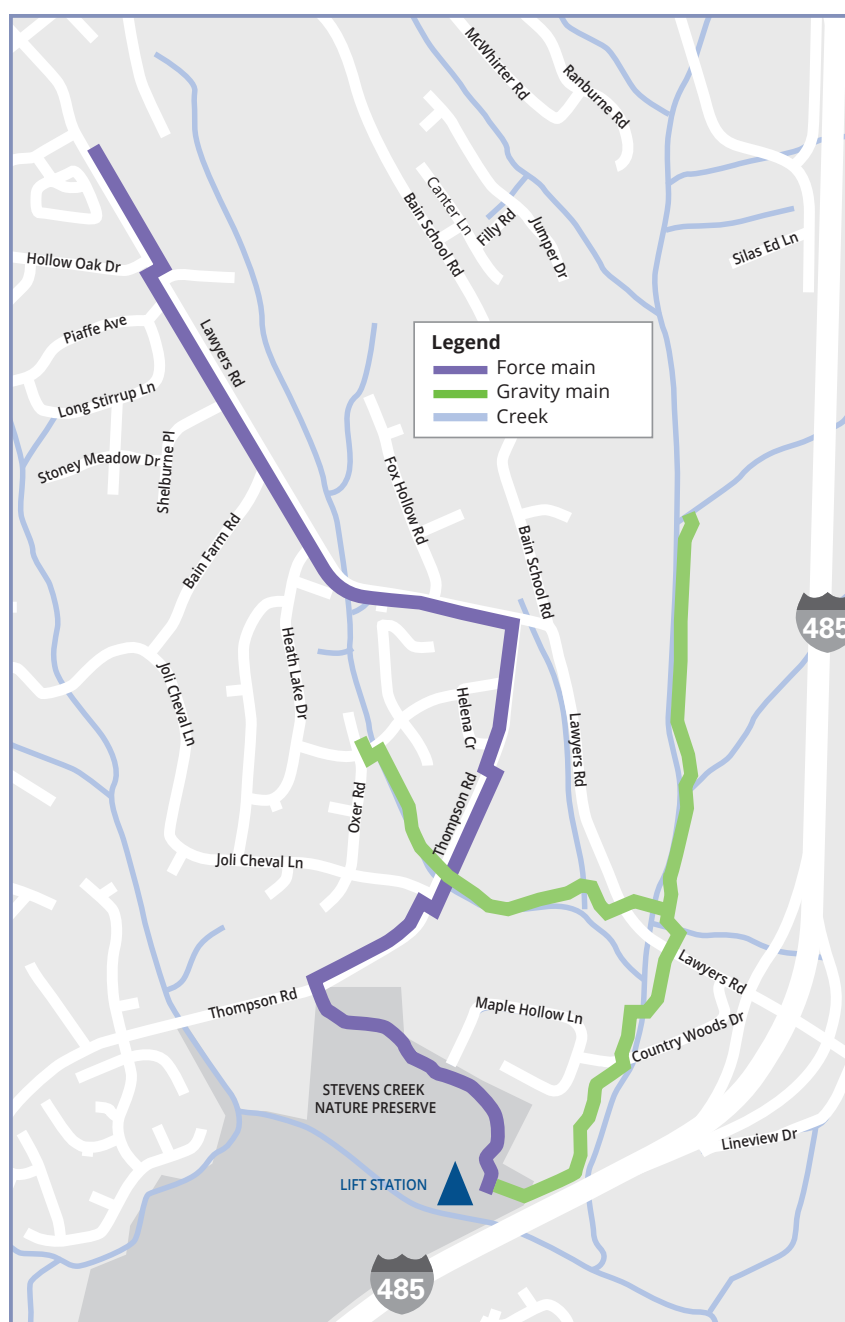
"We have appreciated residents and businesses along the routes working with us throughout the process thus far and we are dedicated to continuing the communication so we can minimize daily disruption and help the project move along smoothly," said Jeffrey (Mac) McClanahan, the project manager for Charlotte Water.

Please note that there are additional Charlotte Water projects taking place in the Mint Hill area. If your property is within another project area, Charlotte Water will send communications about the project and associated work prior to starting to reduce any inconveniences to you.

Active Work Areas

In addition to the construction of the lift station, the project involves installation of two sections of wastewater pipeline totaling 27,410 feet. The force main pipeline begins at the Stevens Creek Nature Preserve and works up Thompson Road to Lawyers Road. The installation of the gravity main pipeline begins at the Stevens Creek Nature Preserve and follows Goose Creek up Country Woods Drive and Lawyers Road. A small section of the gravity line will also follow a Goose Creek tributary and cross Thompson Road at Joli Cheval Lane (*see map*).

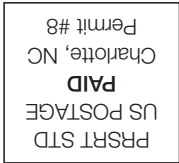
Access to all roads and entryways will be maintained throughout the project.



Wastewater Extension Policy

For more information on Charlotte Water's service connection extension policy, please visit www.charlottewater.org (click on "development & connections").

QUESTIONS: Please visit the project website at www.charlottewater.org (click on "projects") for updates on progress. If you have specific questions, please contact project manager Jeffrey "Mac" McClanahan at 704-995-7489 or Jeffrey.mcclanahan@charlottenc.gov.



THE PIPELINE

STEVENS CREEK WASTEWATER AND LIFT STATION PROJECT

Upcoming Work (Next 90 days)

Force Main and Lift Station: Stevens Creek Nature Preserve/Thompson Road

- Complete tunneling under Helena Circle.
- Continue tunneling and pipe installation under Lawyers Road and under sideroads that intersect Lawyers Road.
- Continue installation of force main pipe along Thompson Road, starting at the Nature Preserve and working toward Lawyers Road.
- Begin construction of the lift station.

Gravity Main: Country Woods Drive/Lawyers Road

- Complete tunneling under three Goose Creek Tributaries at the north end of the project located adjacent to Lawyers Road and Bain School Road.
- Begin pipeline installation from the Nature Preserve toward Country Woods Drive.
- Estimated to complete all major drilling and blasting activities.



Construction access road to the lift station on the Nature Preserve property.

Safety Precautions Around Construction Zones

Throughout construction, the safety of our crew and residents along the route is of the utmost importance. To help secure the construction area, 6-foot fences will be placed around active work zones in some locations. The fences will have view-blocking material in most areas. To limit truck traffic in the surrounding area, trucks delivering pipe and materials to crews will be allowed to access the project route only from designated entry points. Orange construction barrier fencing will be placed along the construction easements.



Barriers and fencing secure the construction area.

All crew members have COVID-19 prevention and precaution policies in place. Crews will be working within



Orange fencing and barriers surround this entry and exit shaft on Lawyers Road.

the project areas and will not need to enter your residence or have personal contact with residents.

Construction Activities to Expect

- Clearing within the easements
- Moving equipment on site
- Pipe delivery and storage
- Establishing a safe work zone – fencing will be installed and pipe will be stabilized.
- Detours around work – motorists and pedestrians should follow all traffic control signs
- Trench digging, placing pipe and backfilling
- Customers may feel a rumble – crews may remove rock by use of small scale blasting. Property owners within 500 feet radius of potential blasting sites will be contacted by our contractor, Capstone, for a pre-blast survey. Blasting is a standard construction procedure and a seismograph monitor will record all vibrations to ensure they are within specifications.
- Construction traffic – dump trucks will travel along the alignment, within the easements and roadway
- Work hours – crews expect to work Monday through Friday between 7:00 a.m. and 5:30 p.m., excluding municipal holidays. Crews will follow the Town of Mint Hill noise ordinance.